

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. <b>PR-HQ-02-10708/0001</b>		3. EFFECTIVE DATE <b>08/22/02</b>	4. REQUISITION/PURCHASE REQ. NO. <b>PR-HQ-02-10708</b>
6. ISSUED BY <b>Environmental Protection Agency Bid and Proposal Room, Ariel Rios Building (3802R) 1200 Pennsylvania Avenue, N.W. Washington, DC 20460</b>		7. ADMINISTERED BY (If other than item 6) CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)		(✓)	9A. AMENDMENT OF SOLICITATION NO. <b>PR-HQ-02-10708</b>
		✓	9B. DATED (SEE ITEM 11) <b>08/08/02</b>
			10A. MODIFICATION OF CONTRACT/ORDER NO.
			10B. DATED (SEE ITEM 13)
CODE	FACILITY CODE		
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS			
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input checked="" type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning <u>1</u> copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.			
12. ACCOUNTING AND APPROPRIATION DATA (If required)			
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.			
(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A		
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).		
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:		
	D. OTHER (Specify type of modification and authority)		
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.			
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)			

See page 2

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) <b>THOMAS A. VALENTINO</b>	
15B. CONTRACTOR/OFFEROR   (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA   (Signature of Contracting Officer)	16C. DATE SIGNED

NSN 7540-01-152-8070  
PREVIOUS EDITION UNUSABLE

30-105

STANDARD FORM 30 (REV 10-83)  
Prescribed by GSA  
FAR (48 CFR) 52.243

**AMENDMENTS TO THE SOLICITATION**

The purpose of this amendment is to modify the following:

(A) Section B.2 was revised to include blank spaces for the entering of unit prices for 48 and 72 hour turnaround for preliminary results, for all periods of performance;

(B) The Section L clause "PREPROPOSAL CONFERENCE" was updated to include the specific date and time; and

(C) Attachment 16 was revised to include information for the CCR screening that was inadvertently omitted in the original IFB. Accordingly:

1. The Section B clause entitled "SERVICES AND PRICE SCHEDULE" has been modified. The text is as follows:

**B.2 SERVICES AND PRICE SCHEDULE**

The contractor shall provide the following services:

**BASE PERIOD - DATE OF CONTRACT AWARD THROUGH 12 MONTHS (i.e. Months 1 - 12)**

<u>CLIN</u>	<u>UNIT PRICE</u>
<b>0001</b> Maximum Quantity of Organic Samples Required per Calender Month= <b>500</b> (Base Period)	
0001A Multimedia Organic Analysis IAW the SOW 21 Day Delivery	_____
0001B Multimedia Organic Analysis IAW the SOW 14 day delivery	_____
0001C Multimedia Organic Analysis IAW the SOW 7 day delivery	_____

<u>CLIN</u>	<u>UNIT PRICE</u>
<b>0002</b> Maximum Quantity of Organic Samples Required per Calender Month= <b>250</b> (Base Period)	
0002A Multimedia Organic Analysis IAW the SOW 21 Day Delivery	_____
0002B Multimedia Organic Analysis IAW the SOW 14 day delivery	_____
0002C Multimedia Organic Analysis IAW the SOW	

7 day delivery \_\_\_\_\_

*NOTE: While bidders are invited to bid on both CLINs 0001 and 0002, the Government will not consider awarding both CLINs to a single bidder (i.e., a bidder may receive a subsequent award for either 500 or 250 samples per calendar month, but not 750 samples).*

**0003 48 Hour Delivery Preliminary Analysis - MANDATORY if bidding on CLINS 0001 and/ or 0002**

Unit Price = \$ \_\_\_\_\_

In addition to the analysis required by CLINs 0001 and 0002, the Government may require quick turn-around Preliminary Analysis of *volatile* organic samples as described in Section I of Exhibit B of the SOW. The Government will only require Preliminary Analysis if also requiring a standard delivery of CLINs 0001A, 0001B, 0001C, 0002A, 0002B, or 0002C. When ordered by the Government, the unit price of the 48 hour Preliminary Analysis will be added to the stipulated price of the standard delivery CLINs.

Example: The Agency requests a Contractor to analyze a single sample for a full analysis (volatiles, semivolatiles, and pesticides) at a 21 day turnaround. The Contractor's 21 day unit price for a full sample analysis is \$400, and the unit price for 48 hour delivery for volatile analysis is \$50. The Agency would pay the Contractor \$450 for the full sample analysis.

**0004 72 Hour Delivery Preliminary Analysis - MANDATORY if bidding on CLINS 0001 and/ or 0002**

Unit Price = \$ \_\_\_\_\_

In addition to the analysis required by CLINs 0001 and 0002, the Government may require quick turn-around Preliminary Analysis of *semivolatile and pesticide* organic samples as described in Section I of Exhibit B of the SOW. The Government will only require Preliminary Analysis if also requiring a standard delivery of CLINs 0001A, 0001B, 0001C, 0002A, 0002B, or 0002C. When ordered by the Government, the unit price of the 72 hour Preliminary Analysis will be added to the stipulated price of the standard delivery CLINs.

Example: The Agency requests a Contractor to analyze a single sample for a full analysis (volatiles, semivolatiles, and pesticides) at a 21 day turnaround for the semivolatiles and pesticides, and a 48 hour Preliminary Results analysis for volatiles. The Contractor's 21 day unit price for a full sample analysis is \$400 and the unit price for 48 hour delivery for volatile analysis is \$50. The Agency would pay the Contractor \$450 for the full sample analysis. The complete hard copy and electronic data deliverables for all three fractions would be due within 21 days of sample receipt.

**OPTION PERIOD 1- 6 MONTH PERIOD OF PERFORMANCE FOLLOWING COMPLETION OF BASE PERIOD (i.e. months 13 - 18)**

In accordance with the Clause entitled "OPTION TO EXTEND TERM OF THE CONTRACT-

FIXED-PRICE," the contractor shall provide the following services at the stated prices for the ordering specified:

<u>CLIN</u>	<u>UNIT PRICE</u>
<b>0005</b> Maximum Quantity of Organic Samples Required per Calender Month= <b>500</b> (Option Period 1)	
0005A Multimedia Organic Analysis IAW the SOW 21 Day Delivery	_____
0005B Multimedia Organic Analysis IAW the SOW 14 day delivery	_____
0005C Multimedia Organic Analysis IAW the SOW 7 day delivery	_____

<u>CLIN</u>	<u>UNIT PRICE</u>
<b>0006</b> Maximum Quantity of Organic Samples Required per Calender Month= <b>250</b> (Option Period 1)	
0006A Multimedia Organic Analysis IAW the SOW 21 Day Delivery	_____
0006B Multimedia Organic Analysis IAW the SOW 14 day delivery	_____
0006C Multimedia Organic Analysis IAW the SOW 7 day delivery	_____

*NOTE: While bidders are invited to bid on both CLINs 0005 and 0006, the Government will not consider awarding both CLINs to a single bidder (i.e., a bidder may receive a subsequent award for either 500 or 250 samples per calendar month, but not 750 samples).*

0007 **48 Hour Delivery Preliminary Analysis - MANDATORY if bidding on CLINS 0005 and/ or 0006**

Unit Price = \$\_\_\_\_\_

In addition to the analysis required by CLINs 0005 and 0006, the Government may require quick turn-around Preliminary Analysis of *volatile* organic samples as described in Section I of Exhibit B of the SOW. The Government will only require Preliminary Analysis if also requiring a standard delivery of CLINs 0005A, 0005B, 0005C, 0006A, 0006B, or 0006C. When ordered by the Government, the unit price of the 48 hour Preliminary Analysis will be added to the stipulated price of the standard delivery CLINs.

Example: The Agency requests a Contractor to analyze a single sample for a full analysis (volatiles, semivolatiles, and pesticides) at a 21 day turnaround for the semivolatiles and pesticides, and a 48 hour Preliminary Results analysis for volatiles. The Contractor's 21 day unit price for a full sample analysis is \$400 and the unit price for 48 hour delivery for volatile analysis is \$50. The Agency would pay the Contractor \$450 for the full sample analysis. The complete hard copy and electronic data deliverables for all three fractions would be due within 21 days of sample receipt.

**0008 72 Hour Delivery Preliminary Analysis - MANDATORY if bidding on CLINS  
0005 and/ or 0006**

Unit Price = \$ \_\_\_\_\_

In addition to the analysis required by CLINs 0005 and 0006, the Government may require quick turn-around Preliminary Analysis of *semivolatile and pesticide* organic samples as described in Section I of Exhibit B of the SOW. The Government will only require Preliminary Analysis if also requiring a standard delivery of CLINs 0005A, 0005B, 0005C, 0006A, 0006B, or 0006C. When ordered by the Government, the unit price of the 72 hour Preliminary Analysis will be added to the stipulated price of the standard delivery CLINs.

Example: The Agency requests a Contractor to analyze a single sample for a full analysis (volatiles, semivolatiles, and pesticides) at a 21 day turnaround for the semivolatiles and pesticides, and a 48 hour Preliminary Results analysis for volatiles. The Contractor's 21 day unit price for a full sample analysis is \$400 and the unit price for 48 hour delivery for volatile analysis is \$50. The Agency would pay the Contractor \$450 for the full sample analysis. The complete hard copy and electronic data deliverables for all three fractions would be due within 21 days of sample receipt.

**OPTION PERIOD 2- 6 MONTH PERIOD OF PERFORMANCE FOLLOWING COMPLETION OF OPTION PERIOD 1 (i.e. months 19 - 24)**

In accordance with the Clause entitled "OPTION TO EXTEND TERM OF THE CONTRACT-FIXED-PRICE," the contractor shall provide the following services at the stated prices for the ordering specified:

<u>CLIN</u>	<u>UNIT PRICE</u>
<b>0009</b> Maximum Quantity of Organic Samples Required per Calender Month= <b>500</b> (Option Period 1)	
0009A Multimedia Organic Analysis IAW the SOW 21 Day Delivery	_____
0009B Multimedia Organic Analysis IAW the SOW 14 day delivery	_____
0009C Multimedia Organic Analysis IAW the SOW 7 day delivery	_____

<u>CLIN</u>	<u>UNIT PRICE</u>
<b>0010</b> Maximum Quantity of Organic Samples Required per Calender Month= <b>250</b> (Option Period 1)	
0010A Multimedia Organic Analysis IAW the SOW 21 Day Delivery	_____
0010B Multimedia Organic Analysis IAW the SOW 14 day delivery	_____
0010C Multimedia Organic Analysis IAW the SOW 7 day delivery	_____

*NOTE: While bidders are invited to bid on both CLINs 0009 and 0010, the Government will not consider awarding both CLINs to a single bidder (i.e., a bidder may receive a subsequent award for either 500 or 250 samples per calendar month, but not 750 samples).*

**0011 48 Hour Delivery Preliminary Analysis - MANDATORY if bidding on CLINS 0009 and/ or 0010**

Unit Price = \$\_\_\_\_\_

In addition to the analysis required by CLINs 0009 and 0010, the Government may require quick turn-around Preliminary Analysis of *volatile* organic samples as described in Section I of Exhibit B of the SOW. The Government will only require Preliminary Analysis if also requiring a standard delivery of CLINs 0009A, 0009B, 0009C, 0010A, 0010B, or 0010C. When ordered by the Government, the unit price of the 48 hour Preliminary Analysis will be added to the stipulated price of the standard delivery CLINs.

Example: The Agency requests a Contractor to analyze a single sample for a full analysis (volatiles, semivolatiles, and pesticides) at a 21 day turnaround for the semivolatiles and pesticides, and a 48 hour Preliminary Results analysis for volatiles. The Contractor's 21 day unit price for a full sample analysis is \$400 and the unit price for 48 hour delivery for volatile analysis is \$50. The Agency would pay the Contractor \$450 for the full sample analysis. The complete hard copy and electronic data deliverables for all three fractions would be due within 21 days of sample receipt.

**0012 72 Hour Delivery Preliminary Analysis - MANDATORY if bidding on CLINS 0009 and/ or 0010**

Unit Price = \$\_\_\_\_\_

In addition to the analysis required by CLINs 0009 and 0010, the Government may require quick turn-around Preliminary Analysis of *semivolatile and pesticide* organic samples as described in Section I of Exhibit B of the SOW. The Government will only require Preliminary Analysis if also requiring a standard delivery of CLINs 0009A, 0009B, 0009C, 0010A, 0010B, or 0010C.

When ordered by the Government, the unit price of the 72 hour Preliminary Analysis will be added to the stipulated price of the standard delivery CLINs.

Example: The Agency requests a Contractor to analyze a single sample for a full analysis (volatiles, semivolatiles, and pesticides) at a 21 day turnaround for the semivolatiles and pesticides, and a 48 hour Preliminary Results analysis for volatiles. The Contractor's 21 day unit price for a full sample analysis is \$400 and the unit price for 48 hour delivery for volatile analysis is \$50. The Agency would pay the Contractor \$450 for the full sample analysis. The complete hard copy and electronic data deliverables for all three fractions would be due within 21 days of sample receipt.

2. The Section L clause entitled "PREPROPOSAL CONFERENCE (EP 52.215-100) (APR 1984)" has been modified. The text is as follows:

The prebid conference has been scheduled for 1:00 pm local time on Wednesday, August 28, 2002. It will be held in the Virginia/ West Virginia conference room, on the 6th floor of the Ronald Reagan Building, Washington, DC. Offerors planning to attend the conference should provide written notification to the contract specialist at least 4 calendar days prior to the conference date. A transcript of conference questions and answers will be posted on the website. Potential bidders are encouraged to submit any questions/ concerns/ issues to the contract specialist prior to the conference, so that responses may be prepared beforehand.

3. The attachment entitled "ORGANICS PRE-AWARD CONTRACT COMPLIANCE SCORING" has been modified. The text is as follows:

#### **DRAFT ORGANIC PRE-AWARD CONTRACT COMPLIANCE SCREENING FOR OLM04.3 SOW**

<b>Lab Name:</b> _____	<b>Reviewer:</b> _____
<b>Lab Address:</b> _____	<b>Date:</b> _____

#### **SUMMARY OF DATA REVIEW**

<b>Total Points for Diskette Structural Review (Part IB)<sup>1</sup></b>	_____ <b>PTS</b>
Points for Volatiles Completeness Review (Part IIA)	_____ PTS
Points for Semivolatiles Completeness Review (Part IIB)	_____ PTS
Points for Pesticides/PCB Completeness Review (Part IIC)	_____ PTS
<b>Total Points for Completeness Review (Parts IIA + IIB + IIC)<sup>2</sup></b>	_____ <b>PTS</b>

Points for Volatiles Compliance Review (Part IIIA)	_____	PTS
Points for Semivolatiles Compliance Review (Part IIIB)	_____	PTS
Points for Pesticides/PCB Compliance Review (Part IIIC)	_____	PTS
<b>Total Points for Compliance Review (Parts IIIA + IIIB + IIIC)<sup>3</sup></b>	_____	<b>PTS</b>
<b>Final Points (Parts IB + IIA + IIB + IIC + IIIA + IIIB + IIIC)</b>	_____	<b>PTS</b>
<b>Final Score (Final Points ÷ 1500 x 100)<sup>4</sup></b>	=====	<b>%</b>

- Note 1:** If the submitted diskette is blank, is not in the specified format, or does not pass any of the major requirements identified in Part IA the laboratory will have two business days from the time of notification to submit a corrected diskette. In lieu of submitting a diskette, the laboratory may submit the corrected information electronically to the contracting officer at the following E-Mail address: Valentino.Thomas@epa.gov. Corrections submitted via diskette or electronically are due at 5:00pm eastern standard time on the second business day. There are no points associated with Part IA.
- Note 2:** In order for a laboratory to successfully complete Part II of the Organic Low/Medium Concentration Pre-award Contract Compliance Screening (CCS), a minimum of 100 points are required for each analysis fraction (volatiles, semivolatiles, and pesticides/PCB). Failure to obtain the required minimum points for any analysis fraction will result in automatic disqualification of the laboratory for the CCS requirements.
- Note 3:** In order for a laboratory to successfully complete Part III of the Organic Low/Medium Concentration Pre-award Contract CCS, a minimum of 138 points are required for each analysis fraction. Failure to obtain the required minimum points for any analysis fraction will result in automatic disqualification of the laboratory for the CCS requirements.
- Note 4:** In order for a laboratory to successfully complete the Organic Low/Medium Concentration Pre-award CCS, a minimum Final Score of 75% is required.



**PART I**

**Diskette Structural Review**

**Total Possible Points = 75**

The electronic diskette deliverable will be processed to determine if the data meet the following 10 major and 6 minor requirements. Failure to comply with any one of the major requirements listed below within the allotted time (See Note 1), will automatically result in a disqualification on the CCS requirement and will result in a **Final Score of zero**. In addition, if a

diskette is not submitted, is blank, or is not in a format that is specified in Exhibits H and B of the OLM04.3 SOW, it will automatically result in a **Final Score of zero.**

<b>A. Major Requirements</b>	<b>Requirement Met?</b>	
1. A valid method number must be present in the Method Number field on every Record Type 10.	YES	NO
2. The QC Code must correctly identify the standard, sample, or blank as indicated in Exhibit H of the SOW.	YES	NO
3. A valid date and time of analysis must be present in the analysis date and time fields on Record Type 20.	YES	NO
4. The Lab File/Sample ID must be present on Record Type 21 for all standards and method blanks in all volatiles and semivolatiles runs.	YES	NO
5. The Calibration File ID must be present on Record Type 22 for all samples and blanks (method, storage, and instrument) in all volatiles and semivolatiles runs.	YES	NO
6. The Method Blank Lab File/Sample ID must be present on Record Type 23 for all samples and volatiles instrument blanks.	YES	NO
7. The first record in the file must be a Record Type 10.	YES	NO
8. The diskette deliverable must only include valid record types.	YES	NO
9. The record type sequence must conform to the specifications defined in Exhibit H of the SOW.	YES	NO
10. Every record type must contain the correct number of delimiters, as specified in Exhibit H of the SOW.	YES	NO
<b>All Major Requirements Met</b>	<b>YES</b>	<b>NO</b>

**B. Minor Requirements****Possible Points = 75**

1.	The Instrument ID must be present on every Record Type 10. (5 points for each missing instrument ID up to a maximum of 15 points)	- _____	PT S
2.	The Sample Qualifier field must contain one of valid sample qualifiers listed in Exhibit H of the SOW or be empty. (1 point for each incorrect sample qualifier up to a maximum of 10 points)	- _____	PT S
3.	The Matrix field must contain a valid matrix identifier. (1 point for each incorrect matrix up to a maximum of 10 points)	- _____	PT S
4.	All standards, samples, and blanks must have an occurrence of the appropriate CAS numbers in a Record Type 30 under them. (1 point for each missing CAS number up to a maximum of 20 points)	- _____	PT S
5.	The Result Qualifier field must contain one of valid result qualifiers listed in Exhibit H of the SOW or be empty. (1 point for each incorrect result qualifier up to a maximum of 10 points)	- _____	PT S
6.	For the volatiles and semivolatiles fractions, there must be only one occurrence of each EPA Sample Number within each fraction. For the pesticides fraction, there must be two occurrences of each EPA Sample Number and the GC Column Identification must be different for each of the two identical sample numbers. (IA 1004) (1 point for each incorrect sample occurrence up to a maximum of 10 points)	- _____	PT S
<b>Total Points Deducted</b>		- _____	PT S
<b>Total Points for Diskette Structural Review (Part IB)</b>			PT
<b>(75 - Total Points Deducted)</b>		=====	S

**Part II****Completeness Review****Total Possible Points = 600**

Each fraction of the data package will be reviewed for completeness in accordance with the following criteria. The maximum points possible for the completeness of each fraction is 200.

**A. Volatiles Completeness Review****Possible Points = 200**

1. System Monitoring Compound Recovery (Form II VOA-1, VOA-2)  
(5 points deducted for each missing Form and 1 point deducted for each missing data element on each Form up to a maximum of 5 points per Form. A maximum of 10 points can be deducted for this item.) - \_\_\_\_\_ PT  
S
2. Method Blank Summary (Form IV VOA)  
(5 points deducted for each missing Form and 1 point deducted for each missing data element on each Form up to a maximum of 5 points per form. A maximum of 10 points is deducted for this item.) - \_\_\_\_\_ PT  
S
3. GC/MS Instrument Performance Check (Form V VOA)  
(5 points deducted for each missing Form and 1 point deducted for each missing data element on each Form up to a maximum of 5 points per form. A maximum of 10 points is deducted for this item.) - \_\_\_\_\_ PT  
S
4. Internal Standard Area and RT Summary (Form VIII VOA)  
(5 points deducted for each missing Form and 1 point deducted for each missing data element on each Form up to a maximum of 5 points per form. A maximum of 10 points is deducted for this item.) - \_\_\_\_\_ PT  
S
5. TCL Results (Form I VOA-1, VOA-2)  
(5 points deducted for each missing Form and 1 point deducted for each missing data element on each Form up to a maximum of 5 points per form. A maximum of 20 points is deducted for this item.) - \_\_\_\_\_ PT  
S
6. Tentatively Identified Compounds (Form I VOA-TIC)  
(5 points deducted for each missing Form and 1 point deducted for each missing data element on each Form up to a maximum of 5 points. A maximum of 10 points is deducted for this item.) - \_\_\_\_\_ PT  
S
7. Reconstructed Total Ion Chromatograms (RIC)  
(5 points deducted for each missing RIC and 1 point deducted for each missing data element on each RIC up to a maximum of 5 points. A maximum of 20 points is deducted for this item.) - \_\_\_\_\_ PT  
S

8. Quantitation Reports  
(5 points deducted for each missing quantitation report and 1 point deducted for each missing data element on each quantitation report up to a maximum of 5 points. A maximum of 20 points is deducted for this item.) - \_\_\_\_\_ PT  
S
9. Raw Spectra and Background-Subtracted Mass Spectra of Target Compounds Identified  
(5 points deducted for each missing spectra and 1 point deducted for each missing data element on each spectra up to a maximum of 5 points. A maximum of 15 points is deducted for this item.) - \_\_\_\_\_ PT  
S
10. Mass Spectra of All Reported TICs with Three Best Library Matches  
(5 points deducted for each missing set of spectra and 1 point deducted for each missing data element for each set of spectra up to a maximum of 5 points. A maximum of 15 points is deducted for this item.) - \_\_\_\_\_ PT  
S
11. Initial Calibration Data (Form VI VOA-1, VOA-2)  
(5 points deducted for each missing Form and 1 point deducted for each missing data element on each Form up to a maximum of 5 points. A maximum of 10 points is deducted for this item.) - \_\_\_\_\_ PT  
S
12. RICs and Quantitation Reports for Initial Calibration Standards  
(5 points deducted for each missing RIC or quantitation report and 1 point deducted for each missing data element on each RIC or quantitation report up to a maximum of 5 points. A maximum of 20 points is deducted for this item.) - \_\_\_\_\_ PT  
S
13. Continuing Calibration Data (Form VII VOA-1, VOA-2)  
(5 points deducted for each missing Form and 1 point deducted for each missing data element on each Form up to a maximum of 5 points. A maximum of 10 points is deducted for this item.) - \_\_\_\_\_ PT  
S
14. RICs and Quantitation Reports for Continuing Calibration Standards  
(5 points deducted for each missing RIC or quantitation report and 1 point deducted for each missing data element on each RIC or quantitation report up to a maximum of 5 points. A maximum of 10 points is deducted for this item.) - \_\_\_\_\_ PT  
S
15. BFB Raw Data (Bar Graph Spectrum, Mass Listing, and RIC)  
(5 points deducted for each raw data missing and 1 point deducted for each missing data element on each raw data up to a maximum of 5 points. A maximum of 10 points is deducted for this item.) - \_\_\_\_\_ PT  
S

Total Points Deducted for Volatiles Completeness Review	- _____	PT S
Total Points for Volatiles Completeness Review (Part IIA) (200 - Total Points Deducted)	=====	PT S

**B. Semivolatiles Completeness Review****Possible Points = 200**

1. Surrogate Recovery (Form II SV-1, SV-2)  
(5 points deducted for each missing Form and 1 point deducted for each missing data element on each Form up to a maximum of 5 points per Form. A maximum of 10 points can be deducted for this item.) - \_\_\_\_\_ PT  
S
2. Method Blank Summary (Form IV SV)  
(5 points deducted for each missing Form and 1 point deducted for each missing data element on each Form up to a maximum of 5 points per form. A maximum of 10 points is deducted for this item.) - \_\_\_\_\_ PT  
S
3. GC/MS Instrument Performance Check (Form V SV)  
(5 points deducted for each missing Form and 1 point deducted for each missing data element on each Form up to a maximum of 5 points per form. A maximum of 10 points is deducted for this item.) - \_\_\_\_\_ PT  
S
4. Internal Standard Area and RT Summary (Form VIII SV-1,, SV-2)  
(5 points deducted for each missing Form and 1 point deducted for each missing data element on each Form up to a maximum of 5 points per form. A maximum of 10 points is deducted for this item.) - \_\_\_\_\_ PT  
S
5. TCL Results (Form I SV-1, SV-2)  
(5 points deducted for each missing Form and 1 point deducted for each missing data element on each Form up to a maximum of 5 points per form. A maximum of 20 points is deducted for this item.) - \_\_\_\_\_ PT  
S
6. Tentatively Identified Compounds (Form I SV-TIC)  
(5 points deducted for each missing Form and 1 point deducted for each missing data element on each Form up to a maximum of 5 points. A maximum of 10 points is deducted for this item.) - \_\_\_\_\_ PT  
S
7. Reconstructed Total Ion Chromatograms (RIC)  
(5 points deducted for each missing RIC and 1 point deducted for each missing data element on each RIC up to a maximum of 5 points. A maximum of 20 points is deducted for this item.) - \_\_\_\_\_ PT  
S
8. Quantitation Reports  
(5 points deducted for each missing quantitation report and 1 point deducted for each missing data element on each quantitation report up to a maximum of 5 points. A maximum of 20 points is deducted for this item.) - \_\_\_\_\_ PT  
S

9. Raw Spectra and Background-Subtracted Mass Spectra of Target Compounds Identified (5 points deducted for each missing spectra and 1 point deducted for each missing data element on each spectra up to a maximum of 5 points. A maximum of 15 points is deducted for this item.)	- _____	PT S
10. Mass Spectra of All Reported TICs with Three Best Library Matches (5 points deducted for each missing set of spectra and 1 point deducted for each missing data element for each set of spectra up to a maximum of 5 points. A maximum of 15 points is deducted for this item.)	- _____	PT S
11. Initial Calibration Data (Form VI SV-1, SV-2) (5 points deducted for each missing Form and 1 point deducted for each missing data element on each Form up to a maximum of 5 points. A maximum of 10 points is deducted for this item.)	- _____	PT S
12. RICs and Quantitation Reports for Initial Calibration Standards (5 points deducted for each missing RIC or quantitation report and 1 point deducted for each missing data element on each RIC or quantitation report up to a maximum of 5 points. A maximum of 20 points is deducted for this item.)	- _____	PT S
13. Continuing Calibration Data (Form VII SV-1, SV-2) (5 points deducted for each missing Form and 1 point deducted for each missing data element on each Form up to a maximum of 5 points. A maximum of 10 points is deducted for this item.)	- _____	PT S
14. RICs and Quantitation Reports for Continuing Calibration Standards (5 points deducted for each missing RIC or quantitation report and 1 point deducted for each missing data element on each RIC or quantitation report up to a maximum of 5 points. A maximum of 10 points is deducted for this item.)	- _____	PT S
15. DFTPP Raw Data (Bar Graph Spectrum, Mass Listing, and Ric) (5 points deducted for each raw data missing and 1 point deducted for each missing data element on each raw data up to a maximum of 5 points. A maximum of 10 points is deducted for this item.)	- _____	PT S
<b>Total Points Deducted for Semivolatiles Completeness Review</b>	- _____	<b>PT S</b>
<b>Total Points for Semivolatiles Completeness Review (Part IIB) (200 - Total Points Deducted)</b>	<u>          </u>	<b>PT S</b>



**C. Pesticides/PCB Completeness Review****Possible Points = 200**

1. Surrogate Recovery (Form II PEST-1, PEST-2)  
(5 points deducted for each missing Form and 1 point deducted for each missing data element on each Form up to a maximum of 5 points per Form. A maximum of 10 points can be deducted for this item.) - \_\_\_\_\_ PT  
S
2. Method Blank Summary (Form IV PEST)  
(5 points deducted for each missing Form and 1 point deducted for each missing data element on each Form up to a maximum of 5 points per form. A maximum of 10 points is deducted for this item.) - \_\_\_\_\_ PT  
S
3. TCL Results (Form I PEST)  
(5 points deducted for each missing Form and 1 point deducted for each missing data element on each Form up to a maximum of 5 points per form. A maximum of 20 points is deducted for this item.) - \_\_\_\_\_ PT  
S
4. Chromatograms (Primary and Secondary GC Column Analysis)  
(5 points deducted for each missing chromatogram and 1 point deducted for each missing data element on each chromatogram up to a maximum of 5 points per chromatogram. A maximum of 20 points is deducted for this item.) - \_\_\_\_\_ PT  
S
5. GC Integration Report or Data System Printout for Both GC Columns  
(5 points deducted for each missing integration report and 1 point deducted for each missing data element on each integration report up to a maximum of 5 points. A maximum of 20 points is deducted for this item.) - \_\_\_\_\_ PT  
S
6. GC/MS Confirmation Data (Raw Spectra and Background-Subtracted Mass Spectra)  
(5 points deducted for each missing spectra and 1 point deducted for each missing data element on each spectra up to a maximum of 5 points per spectra. A maximum of 10 points is deducted for this item.) - \_\_\_\_\_ PT  
S
7. Initial Calibration of Single and Multi-Component Analytes (Form VI PEST-1, PEST-2, and PEST-3 for both GC columns)  
(5 points deducted for each missing Form and 1 point deducted for each missing data element on each form up to a maximum of 5 points per form. A maximum of 10 points is deducted for this item.) - \_\_\_\_\_ PT  
S
8. Analyte Resolution Summary (Form VI PEST-4)  
(5 points deducted for each missing Form and 1 point deducted for each missing data element on each form up to a maximum of 5 points. A maximum of 10 points is deducted for this item.) - \_\_\_\_\_ PT  
S

9.	Performance Evaluation Mixture (Form VI PEST-5) (5 points deducted for each missing Form and 1 point deducted for each missing data element on each form up to a maximum of 5 points per form. A maximum of 10 points is deducted for this item.)	- _____	PT S
10.	Individual Standard Mixture A and B (Form VI PEST-6, PEST-7) (5 points deducted for each missing Form and 1 point deducted for each missing data element on each form up to a maximum of 5 points per form. A maximum of 10 points is deducted for this item.)	- _____	PT S
11.	Calibration Verification Summary (Form VII PEST-1, PEST-2) (5 points deducted for each missing Form and 1 point deducted for each missing data element on each form up to a maximum of 5 points per form. A maximum of 10 points is deducted for this item.)	- _____	PT S
12.	Analytical Sequence (Form VIII PEST) (5 points deducted for each missing Form and 1 point deducted for each missing data element on each form up to a maximum of 5 points per form. A maximum of 10 points is deducted for this item.)	- _____	PT S
13.	Florisil Cartridge Check (Form IX PEST) (5 points deducted for each missing Form and 1 point deducted for each missing data element on each form up to a maximum of 5 points per form. A maximum of 5 points is deducted for this item.)	- _____	PT S
14.	Pesticide Identification Summary for Single and Multi-Component Analytes (Form X PEST-1, PEST-2) (5 points deducted for each missing Form and 1 point deducted for each missing data element on each form up to a maximum of 5 points per form. A maximum of 10 points is deducted for this item.)	- _____	PT S
15.	Chromatograms and data system printouts for all standards (5 points deducted for each missing chromatogram or integration report and 1 point deducted for each missing data element on each chromatogram or integration report up to a maximum of 5 points per chromatogram or integration report. A maximum of 35 points is deducted for this item.)	- _____	PT S
<b>Total Points Deducted for Pesticides/PCB Completeness Review</b>		- _____	PT S
<b>Total Points for Pesticides/PCB Completeness Review (Part IIC) (200 - Total Points Deducted)</b>		=====	PT S



**PART III****Data Compliance Review****Total Possible Points = 825**

Each fraction of the diskette deliverable will be reviewed for technical compliance in accordance with the following criteria. The maximum points possible for the **compliance of each fraction is 275.**

**A. Volatiles Compliance Review****Possible Points = 275**

- |    |   |         |         |
|----|---|---------|---------|
| 1. | System Monitoring Compounds (SMC)   | - _____ | PT<br>S |
| a. | SMC percent recovery is missing or incorrect for sample or blank.<br>(1 point deducted for each missing or incorrect value up to a maximum of 5 points)   | - _____ | PTS     |
| b. | Total SMC recoveries outside QC limits is missing or incorrect for sample or blank.<br>(1 point deducted for each missing or incorrect value up to a maximum of 5 points)   | - _____ | PTS     |
| c. | SMC percent recovery for sample or blank is outside QC limits and no re-analysis was performed.<br>(5 points for each sample that is not re-analyzed, or blank that is associated to samples that were not re-analyzed, up to a maximum of 10 points) | - _____ | PTS     |
| 2. | Blanks  | - _____ | PT<br>S |
| a. | Blank is missing.<br>(5 points for each missing blank up to a maximum of 10 points)   | - _____ | PTS     |
| b. | Blank contamination exceeds allowable limits.<br>(5 points for each contaminated blank that is associated to samples that were not re-analyzed up to a maximum of 10 points)  | - _____ | PTS     |
| c. | During the 12-hour period in which samples are analyzed, the method blank is not analyzed after the calibration standards and prior to sample analysis.<br>(5 points for each blank not analyzed in the proper sequence up to a maximum of 5 points)  | - _____ | PTS     |

- d. Method blank analysis for low soil samples was an unheated purge.  
(5 points for each low soil method blank that was not heated purge up to a maximum of 5 points) - \_\_\_\_\_ PTS

2. Instrument Performance Check (BFB Tune) - \_\_\_\_\_ PT  
S
- a. Lab File ID is missing or incorrect for associated instrument performance check of the tune.  
(1 point for each missing or incorrect lab file ID up to a maximum of 5 points) - \_\_\_\_\_ PTS
- b. BFB injection date or time is missing or incorrect for associated instrument performance check of the tune.  
(1 point for each missing or incorrect date or time up to a maximum of 5 points) - \_\_\_\_\_ PTS
- c. GC column identification or internal diameter is missing for associated instrument performance check of the tune.  
(5 points for each missing column identification or diameter up to a maximum of 5 points) - \_\_\_\_\_ PTS
- d. Heated Purge is missing or incorrect for associated instrument performance check of the tune.  
(1 point for each missing or incorrect heated purge up to a maximum of 5 points) - \_\_\_\_\_ PTS
- e. M/E or percent relative abundance values are missing for the instrument performance check of the tune.  
(1 point for each missing M/E or percent relative abundance up to a maximum of 5 points) - \_\_\_\_\_ PTS
- f. Standards are analyzed when BFB criteria is not met.  
(5 points for each non-compliant tune up to a maximum of 10 points) - \_\_\_\_\_ PTS
- g. Standard, sample, or blank was not analyzed within 12-hours of the time of injection of BFB.  
(1 point for each standard, sample, or blank not analyzed within 12 hours up to a maximum of 5 points) - \_\_\_\_\_ PTS
3. Internal Standards - \_\_\_\_\_ PT  
S
- a. Internal standard area or retention time is missing.  
(1 point for each missing area or retention up to a maximum of 5 points) - \_\_\_\_\_ PTS

- b. Areas for internal standards are outside QC limits for sample or blank and no re-analysis is performed.  
(5 points for each sample that is not re-analyzed, or blank that is associated to samples that were not re-analyzed, up to a maximum of 10 points) - \_\_\_\_\_ PTS
- c. Retention time of the internal standards changed by more than 30 seconds for sample of blank and no re-analysis/dilution was performed.  
(5 points for each sample that is not re-analyzed, or blank that is associated to samples that were not re-analyzed, up to a maximum of 10 points) - \_\_\_\_\_ PTS

4. Analytical Results - \_\_\_\_\_ PT  
S
- a. Quantitation limit of compounds qualified "U" is incorrect based on the given information and the specified CRQL values in SOW.  
(1 point for each incorrect quantitation limit up to a maximum of 10 points) - \_\_\_\_\_ PTS
- b. Diluted re-analysis is missing for sample with analyte concentration exceeding the initial calibration range.  
(5 points for each missing dilution up to a maximum of 10 points) - \_\_\_\_\_ PTS
- c. Lab file ID is missing for sample or blank.  
(1 point for each missing file ID up to a maximum of 5 points) - \_\_\_\_\_ PTS
- d. Date received is missing or incorrect for sample.  
(1 point for each missing date received up to a maximum of 5 points) - \_\_\_\_\_ PTS
- e. Date analyzed is missing or incorrect for sample or blank.  
(1 point for each missing or incorrect date received up to a maximum of 5 points) - \_\_\_\_\_ PTS
- f. Matrix is missing or incorrect for sample or blank.  
(1 point for each missing or incorrect matrix up to a maximum of 5 points) - \_\_\_\_\_ PTS
- g. Sample weight or volume is missing for sample or blank.  
(1 point for each missing weight or volume up to a maximum of 5 points) - \_\_\_\_\_ PTS

- h. Level is missing or incorrect for sample or blank.  
(1 point for each missing or incorrect level up to a maximum of 5 points) - \_\_\_\_\_ PTS
- i. Dilution factor is missing for sample.  
(1 point for each missing dilution factor up to a maximum of 5 points) - \_\_\_\_\_ PTS
- j. Soil extract or aliquot volume is missing for sample or blank.  
(1 point for each missing extract or aliquot volume up to a maximum of 5 points) - \_\_\_\_\_ PTS
- k. Sample concentration or concentration units is missing for sample or blank.  
(1 point for each missing concentration or unit up to a maximum of 5 points) - \_\_\_\_\_ PTS
- l. EPA defined qualifiers are missing or incorrect for sample or blank.  
(1 point for each missing or incorrect qualifier up to a maximum of 10 points) - \_\_\_\_\_ PTS
- m. Total number of TICs found is missing or incorrect for sample or blank.  
(1 point for each missing or incorrect TIC count up to a maximum of 5 points) - \_\_\_\_\_ PTS
- n. Estimated concentration, retention time, qualifier, or compound name is missing for TICs in sample or blank.  
(1 point for each missing data element up to a maximum of 5 points) - \_\_\_\_\_ PTS

- 5. Initial Calibration - \_\_\_\_\_ PT  
S
- a. RRF 10, 20, 50, 100, or 200 values are missing for compounds.  
(1 point for each missing RRF value or 5 points for each missing calibration standard up to a maximum of 10 points) - \_\_\_\_\_ PTS
- b. Average RRF values are missing or incorrect for the initial calibration.  
(1 point for each missing or incorrect average RRF value up to a maximum of 5 points) - \_\_\_\_\_ PTS



- c. Percent RSD values are missing or incorrect for the initial calibration.  
(1 point for each missing or incorrect percent RSD value up to a maximum of 5 points) - \_\_\_\_\_ PTS
- d. RRF or percent RSD values are outside QC limits.  
(5 points for each non-compliant initial calibration standard or MNC up to a maximum of 10 points) - \_\_\_\_\_ PTS
- e. The first initial calibration standard is not analyzed after the associated instrument performance check of the tune.  
(5 points for each initial calibration standard not analyzed after the tune up to a maximum of 5 points) - \_\_\_\_\_ PTS
- f. Heated Purge is missing or incorrect for associated initial calibration standard.  
(1 point for each initial calibration standard with missing or incorrect heated purge up to a maximum of 5 points) - \_\_\_\_\_ PTS

6. Continuing Calibration	- _____	PT S
a. RRF 50 is missing for associated continuing calibration standard. (1 point for each missing RRF value or 5 points for each missing calibration standard up to a maximum of 10 points)	- _____	PTS
b. Percent difference is missing or incorrect for associated continuing calibration standard. (1 point for each missing or incorrect percent difference up to a maximum of 5 points)	- _____	PTS
c. RRF 50 or percent difference values are outside QC limits. (5 points for each non-compliant continuing calibration standard up to a maximum of 10 points)	- _____	PTS
d. The continuing calibration standard was not analyzed after the associated instrument performance check of the tune. (5 points for each continuing calibration standard not analyzed after the tune up to a maximum of 5 points)	- _____	PTS
e. Heated Purge for continuing calibration is missing or incorrect. (1 point for each continuing calibration standard with missing or incorrect heated purge up to a maximum of 5 points)	- _____	PTS
<b>Total Points Deducted for Volatiles Compliance Review</b>	- _____	<b>PT S</b>
<b>Total Points for Volatiles Compliance Review (Part IIIA)</b>		<b>PT</b>
<b>(275 - Total Points Deducted)</b>	<b>=====</b>	<b>S</b>

**B. Semivolatiles Compliance Review****Possible Points = 275**

- |    |   |         |         |
|----|---|---------|---------|
| 1. | Surrogates  | - _____ | PT<br>S |
| a. | Surrogate percent recovery is missing or incorrect for sample or blank.<br>(1 point deducted for each missing or incorrect value up to a maximum of 10 points)  | - _____ | PTS     |
| b. | Total surrogate recoveries outside QC limits is missing or incorrect for sample or blank.<br>(5 points deducted for each missing or incorrect value up to a maximum of 5 points)  | - _____ | PTS     |
| c. | Surrogate percent recovery for sample or blank does not meet SOW specifications and no re-analysis was performed.<br>(5 points for each sample that is not re-analyzed, or blank that is associated to samples that were not re-analyzed, up to a maximum of 10 points) | - _____ | PTS     |
| 2. | Blanks  | - _____ | PT<br>S |
| a. | Associated method blank is missing.<br>(5 points for each missing blank up to a maximum of 10 points)   | - _____ | PTS     |
| b. | Method blank contamination exceeds the allowable limits.<br>(5 points for each contaminated blank that is associated to samples that were not re-analyzed up to a maximum of 10 points)   | - _____ | PTS     |
| 3. | Instrument Performance Check (BFB Tune)   | - _____ | PT<br>S |
| a. | Lab File ID is missing or incorrect for associated instrument performance check of the tune.<br>(1 point for each missing or incorrect lab file ID up to a maximum of 5 points)   | - _____ | PTS     |
| b. | DFTPP injection date is missing for associated instrument performance check of the tune.<br>(1 point for each missing or incorrect date or time up to a maximum of 5 points)  | - _____ | PTS     |

- c. M/E values are missing for instrument performance check of the tune.  
(1 point for each missing M/E or percent relative abundance up to a maximum of 5 points) - \_\_\_\_\_ PTS
- d. Standards were analyzed when DFTPP criteria was not met.  
(5 points for each non-compliant tune up to a maximum of 10 points) - \_\_\_\_\_ PTS
- e. Sample, blank, or standard is not analyzed within 12 hours of the time of injection of DFTPP.  
(1 point for each standard, sample, or blank not analyzed within 12 hours up to a maximum of 5 points) - \_\_\_\_\_ PTS
4. Internal Standards - \_\_\_\_\_ PT  
S
- a. Internal standard area or retention time is missing.  
(1 point for each missing area or retention up to a maximum of 10 points) - \_\_\_\_\_ PTS
- b. Area for internal standard is outside QC limits for sample or blank and no re-analysis is performed.  
(5 points for each sample that is not re-analyzed, or blank that is associated to samples that were not re-analyzed, up to a maximum of 10 points) - \_\_\_\_\_ PTS
- c. Retention time of internal standards is changed by more than 30 seconds for sample or blank and no re-analysis is performed.  
(5 points for each sample that is not re-analyzed, or blank that is associated to samples that were not re-analyzed, up to a maximum of 10 points) - \_\_\_\_\_ PTS
5. Analytical Results - \_\_\_\_\_ PT  
S
- a. Quantitation limit of compounds qualified "U" is incorrect based on the given information and the specified CRQL values in SOW.  
(1 point for each incorrect quantitation limit up to a maximum of 10 points) - \_\_\_\_\_ PTS

- b. Diluted re-analysis is missing for sample with analyte concentration exceeding the initial calibration range.  
(5 points for each missing dilution up to a maximum of 10 points) - \_\_\_\_\_ PTS
- c. Lab file ID is missing for sample or blank.  
(1 point for each missing file ID up to a maximum of 5 points) - \_\_\_\_\_ PTS
- d. Date received is missing or incorrect for sample.  
(1 point for each missing or incorrect date received up to a maximum of 5 points) - \_\_\_\_\_ PTS
- e. Date extracted is missing or incorrect for sample or blank.  
(1 point for each missing or incorrect date extracted up to a maximum of 5 points) - \_\_\_\_\_ PTS
- f. Matrix is missing or incorrect for sample or blank.  
(1 point for each missing or incorrect matrix up to a maximum of 5 points) - \_\_\_\_\_ PTS
- g. Sample weight or volume is missing for sample or blank.  
(1 point for each missing weight or volume up to a maximum of 5 points) - \_\_\_\_\_ PTS
- h. Level is missing or incorrect for sample or blank.  
(1 point for each missing or incorrect level up to a maximum of 5 points) - \_\_\_\_\_ PTS
- i. Dilution factor is missing for sample.  
(1 point for each missing dilution factor up to a maximum of 5 points) - \_\_\_\_\_ PTS
- j. Concentrated extract or injection volume is missing for sample or blank.  
(1 point for each missing extract or aliquot volume up to a maximum of 5 points) - \_\_\_\_\_ PTS
- k. Sample concentration or concentration units is missing for sample or blank.  
(1 point for each missing concentration or unit up to a maximum of 10 points) - \_\_\_\_\_ PTS
- l. EPA defined qualifiers are missing or incorrect for sample or blank.  
(1 point for each missing or incorrect qualifier up to a maximum of 10 points) - \_\_\_\_\_ PTS

- m. Total number of TICs found is missing or incorrect for sample or blank.  
(1 point for each missing or incorrect TIC count up to a maximum of 5 points) - \_\_\_\_\_ PTS
- n. Estimated concentration, retention time, qualifier, or compound name is missing for TICs in sample or blank.  
(1 point for each missing data element up to a maximum of 10 points) - \_\_\_\_\_ PTS
6. Initial Calibration - \_\_\_\_\_ PT  
S
- a. RRF 20, 50, 80, 120, or 160 values are missing for associated initial calibration standard compounds.  
(1 point for each missing RRF value or 5 points for each missing calibration standard up to a maximum of 15 points) - \_\_\_\_\_ PTS
- b. Average RRF values are missing or incorrect for the initial calibration.  
(1 point for each missing or incorrect average RRF value up to a maximum of 5 points) - \_\_\_\_\_ PTS
- c. Percent RSD values are missing or incorrect for the initial calibration.  
(1 point for each missing or incorrect percent RSD value up to a maximum of 5 points) - \_\_\_\_\_ PTS
- d. RRF or percent RSD values are outside QC limits.  
(5 points for each non-compliant initial calibration standard or MNC up to a maximum of 10 points) - \_\_\_\_\_ PTS
- e. The first initial calibration standard is not analyzed after the associated instrument performance check of the tune.  
(5 points for each initial calibration standard not analyzed after the tune up to a maximum of 5 points) - \_\_\_\_\_ PTS
7. Continuing Calibration - \_\_\_\_\_ PT  
S

- a. RRF 50 is missing for associated continuing calibration standard.  
(1 point for each missing RRF value or 5 points for each missing calibration standard up to a maximum of 15 points) - \_\_\_\_\_ PTS
- b. Percent difference is missing or incorrect for associated continuing calibration standard.  
(1 point for each missing or incorrect percent difference up to a maximum of 5 points) - \_\_\_\_\_ PTS
- c. RRF 50 or percent difference values are outside QC limits according to SOW specifications.  
(5 points for each non-compliant continuing calibration standard up to a maximum of 10 points) - \_\_\_\_\_ PTS
- d. The continuing calibration standard is not analyzed after the associated instrument performance check of the tune.  
(5 points for each continuing calibration standard not analyzed after the tune up to a maximum of 5 points) - \_\_\_\_\_ PTS

<b>Total Points Deducted for Semivolatiles Compliance Review</b>	- _____	<b>PT</b> <b>S</b>
<b>Total Points for Semivolatiles Compliance Review (Part IIIB)</b>		<b>PT</b>
<b>(275 - Total Points Deducted)</b>	<u>          </u>	<b>S</b>

**B. Pesticides/PCB Compliance Review****Possible Points = \*\*\***

1. Surrogates - \_\_\_\_\_ PT  
S
- a. Surrogate percent recovery is missing or incorrect for sample or blank.  
(1 point deducted for each missing or incorrect value up to a maximum of 5 points) - \_\_\_\_\_ PTS
- b. Total number or surrogate recoveries outside QC limits is missing or incorrect for sample or blank.  
(1 point deducted for each missing or incorrect value up to a maximum of 5 points) - \_\_\_\_\_ PTS
- c. Retention time for surrogates in sample, blank, or standard is missing or outside the windows and no re-analysis of the affected samples is performed.  
(5 points for each sample that is not re-analyzed, or blank or standard that is associated to samples that were not re-analyzed, up to a maximum of 5 points) - \_\_\_\_\_ PTS
2. Blanks - \_\_\_\_\_ PT  
S
- a. Sample has no associated method blank.  
(5 points for each missing blank up to a maximum of 5 points) - \_\_\_\_\_ PTS
- b. Method or sulfur blank contamination exceeds the allowable limits.  
(5 points for each contaminated blank that is associated to samples that were not re-analyzed up to a maximum of 5 points) - \_\_\_\_\_ PTS
- c. Matrix is missing or incorrect for associated method blank.  
(1 point for each missing or incorrect matrix up to a maximum of 2 points) - \_\_\_\_\_ PTS
- d. Extraction is missing or incorrect for associated method blank.  
(1 point for each missing or incorrect extraction type up to a maximum of 2 points) - \_\_\_\_\_ PTS



- e. Extraction type specified for the method blank is not the same as for the associated samples.  
(1 point for each sample with an extraction type that is different from the associated blank up to a maximum of 2 points) - \_\_\_\_\_ PTS
- f. Sulfur clean up is missing for associated method blank.  
(1 point for each missing sulfur cleanup up to a maximum of 2 points) - \_\_\_\_\_ PTS
- g. Date Extracted is missing for associated Method Blank.  
(1 point for each missing or incorrect extraction data up to a maximum of 2 points) - \_\_\_\_\_ PTS
3. Analytical Results - \_\_\_\_\_ PTS
- a. Quantitation limit of compounds qualified "U" is incorrect based on the given information and the specified CRQL values in SOW.  
(1 point for each incorrect quantitation limit up to a maximum of 5 points) - \_\_\_\_\_ PTS
- b. Samples are not diluted and reanalyzed when the analyte concentration exceeded the upper limit of the initial calibration.  
(5 points for each missing dilution up to a maximum of 5 points) - \_\_\_\_\_ PTS
- c. Lab sample ID is missing.  
(1 point for each missing sample ID up to a maximum of 5 points) - \_\_\_\_\_ PTS
- d. Date received is missing or incorrect.  
(1 point for each missing or incorrect date received up to a maximum of 5 points) - \_\_\_\_\_ PTS
- e. Date extracted is missing or incorrect.  
(1 point for each missing or incorrect date extracted up to a maximum of 5 points) - \_\_\_\_\_ PTS
- f. Matrix or extraction is missing.  
(1 point for each missing matrix or extraction type up to a maximum of 5 points) - \_\_\_\_\_ PTS
- g. Sample weight or volume is missing.  
(1 point for each missing weight or volume up to a maximum of 5 points) - \_\_\_\_\_ PTS

- h. Dilution factor is missing.  
(1 point for each missing dilution factor up to a maximum of 5 points) - \_\_\_\_\_ PTS
- i. Concentrated extract or injection volume is missing.  
(1 point for each missing extract or aliquot volume up to a maximum of 5 points) - \_\_\_\_\_ PTS
- j. Sample concentration or concentration units is missing for sample or blank.  
(1 point for each missing concentration or unit up to a maximum of 5 points) - \_\_\_\_\_ PTS
- k. EPA defined qualifiers are missing or incorrect for sample or blank.  
(1 point for each missing or incorrect qualifier up to a maximum of 5 points) - \_\_\_\_\_ PTS
- l. Percent difference between concentrations on two GC columns is missing or incorrect.  
(1 point for each missing percent difference up to a maximum of 5 points) - \_\_\_\_\_ PTS
- m. Peak or retention time is missing for identified analyte for sample or blank.  
(1 point for each missing peak or retention time up to a maximum of 5 points) - \_\_\_\_\_ PTS
- n. RT is out of window for identified analyte for sample or blank.  
(1 point for each retention time out of window up to a maximum of 5 points) - \_\_\_\_\_ PTS
- o. Mean concentration is missing for identified analyte for sample or blank.  
(1 point for each missing mean concentration up to a maximum of 5 points) - \_\_\_\_\_ PTS
- p. Mean concentration of pesticide multicomponent compound is incorrect.  
(1 point for each incorrect mean concentration up to a maximum of 5 points) - \_\_\_\_\_ PTS
- q. Concentration of less than three peaks are reported for the quantitation of the analytes.  
(1 point for each concentration that was reported with less than three peaks up to a maximum of 5 points) - \_\_\_\_\_ PTS

4. Instrument Performance Check - \_\_\_\_\_ PT  
S
- a. Analyte, retention time, or percent resolution is missing for pesticide resolution check mixture.  
(1 point for each missing analyte, retention time, or percent resolution up to a maximum of 5 points) - \_\_\_\_\_ PTS
- b. %Resolution of pairs of analytes in the resolution check mixture is less than 60%.  
(5 points for each resolution check mixture with a percent resolution less than 60% up to a maximum of 5 points) - \_\_\_\_\_ PTS
5. Instrument Calibration - \_\_\_\_\_ PT  
S
- a. Percent RSD of the initial calibration factors is outside the required limits for compound.  
(5 points for each non-compliant initial calibration up to a maximum of 10 points) - \_\_\_\_\_ PTS
- b. Mean retention time is incorrect for pesticide single component compound and/or surrogate in the initial calibration.  
(1 point for each incorrect mean retention time up to a maximum of 5 points) \_\_\_\_\_ PTS
- c. Retention time window is missing or incorrect for pesticide single and multicomponent compound and/or surrogate in the initial calibration.  
(1 point for each missing or incorrect retention time window up to a maximum of 5 points) - \_\_\_\_\_ PTS
- d. Mean calibration factor is incorrect for pesticide single component compound and/or surrogate in the initial calibration.  
(1 point for each incorrect mean calibration factor up to a maximum of 5 points) - \_\_\_\_\_ PTS
- e. Percent RSD is incorrect for pesticide single component compound and/or surrogate in the initial calibration.  
(1 point for each incorrect percent RSD up to a maximum of 5 points) - \_\_\_\_\_ PTS
- f. Level is missing or incorrect for pesticide initial calibration single component analytes.  
(1 point for each missing or incorrect level up to a maximum of 5 points) - \_\_\_\_\_ PTS

- g. Retention time, mean retention time, or retention time window is missing for pesticide single component initial calibration standards.  
(1 point for each missing retention time, mean retention time, or retention time window up to a maximum of 5 points) - \_\_\_\_\_ PTS
- h. Calibration factor, mean calibration factor, or percent RSD is missing for pesticide single component initial calibration standards.  
(1 point for each missing calibration factor, mean calibration factor, or percent RSD up to a maximum of 5 points) - \_\_\_\_\_ PTS
- i. Single Component Pesticide Standards and surrogates are not prepared at three concentrations for compound.  
(5 points for each missing initial calibration standard up to a maximum of 5 points) - \_\_\_\_\_ PTS
- j. Mid point concentration is not 4 times the low point concentration.  
(5 points for each calibration standard analyzed at the wrong level up to a maximum of 5 points) - \_\_\_\_\_ PTS
- k. Amount, peak, retention time, retention time window, or calibration factor for pesticide initial calibration of multi-component analytes is missing.  
(1 point for each missing Amount, peak, retention time, retention time window, or calibration factor up to a maximum of 5 points) - \_\_\_\_\_ PTS
- l. Resolution is missing for single component pesticides and/or surrogates in PEM, INDAM, or INDBM.  
(1 point for each incorrect retention time window up to a maximum of 5 points) - \_\_\_\_\_ PTS
- m. Resolution between two adjacent peaks in the mid-point concentrations of individual standard mixtures A and/or B is less than 90%.  
(5 points for each standard with a resolution less than 90% up to a maximum of 5 points) - \_\_\_\_\_ PTS
- n. CAS number is not reported for PEM, INDA, or INDB.  
(1 point for each missing CAS number up to a maximum of 5 points) - \_\_\_\_\_ PTS
- o. Retention time is not reported or out of window for PEM, INDA, or INDB.  
(1 point for each missing retention time up to a maximum of 10 points) - \_\_\_\_\_ PTS

- p. Calculated amount is not reported for PEM, INDA, or INDB.  
(1 point for each missing calculated amount up to a maximum of 5 points) - \_\_\_\_\_ PTS
- q. Nominal amount is not reported for PEM, INDA, or INDB.  
(1 point for each missing nominal amount up to a maximum of 5 points) - \_\_\_\_\_ PTS
- r. Percent difference is not reported or is greater than 25.0% for PEM, INDA, or INDB.  
(1 point for each missing percent difference up to a maximum of 5 points) - \_\_\_\_\_ PTS
- s. Percent difference value of each of the single component pesticides and surrogates in the PEM, INDA, or INDB is incorrect.  
(1 point for each incorrect percent difference up to a maximum of 5 points) - \_\_\_\_\_ PTS
- t. Percent breakdown for DDT or Endrin is not reported or is greater than 20.0%, or the combined percent breakdown is not reported or is greater than 30.0%.  
(1 point for each missing or non-compliant percent breakdown up to a maximum of 5 points) - \_\_\_\_\_ PTS
6. Analytical Sequence - \_\_\_\_\_ PT  
S
- a. Standards for all tentatively identified Aroclors are not run within 72 hours of the sample analysis in which they were observed.  
(1 point for each missing Aroclor standard up to a maximum of 5 points) - \_\_\_\_\_ PTS
- b. Pesticide analytical sequence does not comply with SOW specified sequence.  
(1 point for each violation of the SOW-specified sequence up to a maximum of 10 points) - \_\_\_\_\_ PTS
7. Florisil Cartridge Check - \_\_\_\_\_ PT  
S

- a. Florisil cartridge lot number or standard is missing.  
(5 points for each missing florisil standard or one point for each missing data descriptor up to a maximum of 5 points) - \_\_\_\_\_ PTS
- b. CAS number, spike added, spike recovered, or percent recovery is not reported for pesticide florisil cartridge check.  
(1 point for each missing CAS number, spike added, spike recovered, or percent recovery up to a maximum of 5 points) - \_\_\_\_\_ PTS
- c. Percent recovery of florisil cartridge check is incorrect.  
(1 point for each incorrect percent recovery up to a maximum of 5 points) - \_\_\_\_\_ PTS
- d. Samples are associated with a florisil cartridge that does not meet the technical acceptance criteria.  
(5 points for each florisil standard that does not meet recovery requirements up to a maximum of 5 points) - \_\_\_\_\_ PTS

<b>Total Points Deducted for Pesticides/PCB Compliance Review</b>	- _____	<b>PT S</b>
<b>Total Points for Pesticides/PCB Compliance Review (Part IIIC)</b>		<b>PT</b>
<b>(275 - Total Points Deducted)</b>	<u>          </u>	<b>S</b>